## COMPLIMENTARY READING AND SIGNING COPY FOR

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            IN THE UNITED STATES DISTRICT COURT
        FOR THE EASTERN DISTRICT OF PENNSYLVANIA
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     CONSTELLATION NEWENERGY: CIVIL ACTION
     INC.,
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                 Plaintiff,
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              vs.
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     POWERWEB TECHNOLOGIES, :
     INC., et al.,
.10
                 Defendants. : NO. 02-CV-2733 (HB)
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12
               Philadelphia, Pennsylvania
13
                  Friday, June 18, 2004
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               Pretrial Examination of PETER
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     FOX-PENNER, Ph.D., taken pursuant to notice,
     at the law offices of Wolf Block, LLP, 1630
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     Arch Street, 22nd Floor, on the above date,
19
     beginning at approximately 10:10 a.m., before
20
     Debra Ann Whitehead, a Court Reporter, an
21
     Approved Reporter of the United States
2.2
     District Court, and Notary Public.
             V A R A L L O Incorporated
23
             Litigation Support Services
            1835 Market Street, Suite 600
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                  1835 Market Street
               Philadelphia, PA 19103
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                    (215)
                          561-2220
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Peter Fox-Penner, Ph.D. 1 Can you turn with me to Bates Page 2 FPB 006391 in NewEnergy Exhibit 80, which is 3 Page 43 of your original report, otherwise 4 known as Table 12 of your report. 5 MR. GARCIA: I believe there 6 were two Table 12's. 7 MR. GLASER: Not in the first 8 9 report. I'm sorry. FPB 006391? Α. 10 Yes, sir. Ο. 11 Are you there? 12 Yes. Α. 13 Now, I appreciate that you have a 14 supplemental report where this table is 15 amended, I think, two different ways, but just 16 sticking with your original report for the 17 18 moment. Which part of this damages table 19 consists of the work of the Brattle Group? 20 MR. GARCIA: Objection to the 21 form of the question. 22 Well, the Brattle Group prepared 23 this table in its entirety, but some of the 24

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data in the table come from and are sponsored

1 Peter Fox-Penner, Ph.D. 2 by Mr. Pappas. 3 Q. Which parts are sponsored by Mr. Pappas? 4 The lines that say, "Sales and 5 Service of Powerweb Systems." 6 Is that the one that totals in the 7 first column \$30,662,007? 8 Yes, sir. 9 Α. Ο. Okay. 10 That line and the two lines below 11 Α. it, which are all part of the Sales and 12 Service of Powerweb Systems, that comes from 13 Mr. Pappas. 14 Moving down the table, there are 15 three lines starting with BG&E contract. 16 17 those three lines all the way across come directly from Mr. Pappas and are sponsored by 18 him. 19 And, finally, the three lines 20 starting with Lost Contracts come from and are 21 22 sponsored by Mr. Pappas. Do you have any understanding as to 23 24 how Mr. Pappas derived the group of numbers 25 associated with the first item you pointed me

Peter Fox-Penner, Ph.D. 1 2 received. When did you receive it? 3 Ο. I don't know the exact date I 4 5 received it. Your memo to your file that you sent 6 7 to Mr. Garcia on May 7 doesn't reference that you have received Mr. Pappas' report, does it? 8 No, it does not. 9 Α. 10 Do you believe that in fact you had received Mr. Pappas' report before you wrote 11 12 this memo to the file? 13 Yes, I am certain I had received it 14 by May 7. Did you review Mr. Pappas' report in 15 advance of creating and finalizing your 16 initial report? 17 18 No, I did not. Α. 19 So no part of Mr. Pappas' original 20 report played any role whatsoever in the 21 report that you have prepared in your original report; correct? 22 2.3 Α. No part other than the numbers. The numerical output? 24 Q. 25 Α. The numerical output. No other part

Peter Fox-Penner, Ph.D. 1 2 of it. Did you have discussions with Mr. 3 Ο. Pappas or with Mr. Budike as to how Mr. Pappas 4 derived the output that's contained in this 5 one page in the back of NewEnergy-82? 6 As I indicated earlier, I had one 7 meeting that I can recall at the initiation of 8 my work and Mr. Pappas' work to get clear on 9 10 the portions of the damages calculation that 11 he was going to calculate and that I was going to calculate. 12 Beyond -- after that meeting, I 13 can't recall any specific conversations with 14 15 Mr. Pappas. There may have been one or two 16 phone calls, but I'm pretty sure there were 17 no -- that there were no meetings, and I just can't recall any substantive discussions. 18 19 MR. WHITE: Can you mark this 20 as NewEnergy Exhibit 83. (Document marked for 21 22 identification as NewEnergy Exhibit 83.) BY MR. WHITE: 23 24 Sir, I am showing you what's been

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marked as NewEnergy Exhibit 83.

It is an

Peter Fox-Penner, Ph.D.

- Q. Does the Brattle Group have any opinion as to the validity of the Verizon load management?
  - A. Let me just check.

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No; I believe that number also came -- or, excuse me, that number represents the present value of the numbers that came from Mr. Pappas.

- Q. So the Verizon load management number of \$1.888 million, the source for that is Mr. Pappas; correct?
- A. Yes. And in that sense, if I could reference this as an amendment to my earlier answer about the lines of this table that came from Mr. Pappas.
  - Q. Sure.
- A. I apologize. I inadvertently omitted that line.
- Q. Put another way, and perhaps an easier way, is that the only source of numbers on this table that's from the Brattle Group, is the box related to Curtailment Revenues at the top of the page; correct?

MR. GARCIA: I object to the

Peter Fox-Penner, Ph.D. 1 2 form of the question. And your use of the word "source" is ambiguous, given 3 that there were inputs to Mr. Pappas from 4 Brattle Group and that the numbers that 5 came back from Pappas were reduced to 6 7 present value by Brattle. So it is not 8 quite that simple. MR. WHITE: You could have 9 10 objected and you can go back and ask 11 questions, if you like. You don't need to do that. 12 MR. GARCIA: Explain why. 13 14 MR. WHITE: Really, I don't need the explanation. Objection to the 15 16 form is fine, and I will take my risk --17 MR. GARCIA: Okay. MR. WHITE: -- with a vague 18 record, if I need to. 19 You referred to a box. I would 20 prefer to say that the --21 Q. How about a section? 22 23 The one, two, three, four, five -six lines on this table in the section 24 25 Curtailment Revenues, and the five following

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Peter Fox-Penner, Ph.D.

lines, are numbers entirely produced and sponsored by myself.

The remaining lines of the table are numbers calculated -- that are present value of numbers that are calculated and sponsored by Mr. Pappas.

- And am I correct that for those Ο. numbers that are calculated and sponsored by Mr. Pappas, you have no idea how he derived those numbers?
- Well, I would have to say no to that.
  - Do you know what he did to derive those numbers?
  - I know something about what he did to derive those numbers.
    - Tell me what you know. Q.
  - What I know is that, for at least some of these lines I provided him with my estimate of customers and meters in each year that I forecast would have been involved in load management in association with NewEnergy.

And he took those numbers of customers and meters and estimated the profits Peter Fox-Penner, Ph.D.

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that Powerweb itself would have earned from the sales of systems and systems support related to those meters and customers.

- Q. How do you know that that's what Mr. Pappas did?
- A. That's what we discussed that he would do in this initial meeting. And, from my recollection of his report, that's what he says he did.
- Q. Do you know whether he did it accurately or correctly?
- A. No. As I've said, I have not checked it, his method or calculation itself.
- Q. Have you checked whether he took
  your inputs -- or, excuse me. Have you
  checked whether he took the assumptions or the
  base numbers that you gave and used the
  correct numbers?
  - A. No, I have not checked his math.
- Q. Have you checked whatever model he used to generate his values?
- A. No, did not check his model or calculation.
  - Q. And you have no assessment or

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Peter Fox-Penner, Ph.D. to load-management customers products or services, other than, perhaps, to Bell Atlantic? MR. GARCIA: Objection. All of this goes to liability, not damages, which was the scope of his report. I have not reached any conclusion about that. But there is certainly language in those agreements that I have seen that could be interpreted as creating a relationship between Powerweb and NewEnergy. But I'm not a lawyer, I can't reach any legal conclusions about those agreements. As a practitioner, all I can say is that I looked at them and saw something that, to my nonlegal eyes, suggests a business relationship between the two entities. Do you believe that that business relationship, to the extent you understand it, would justify a \$30.6 million damages figure? MR. GARCIA: Same objection. Α. If you're asking me about Mr. Pappas' estimate, which I have present valued to be \$30.6 million, I have no opinion as to

Peter Fox-Penner, Ph.D.

about.

- A. As I said, I don't know the degree of conservatism in Mr. Pappas' numbers.
- Q. You don't know if there is a degree of conservativism in those numbers, do you?
- A. I will just say I don't know the degree of conservatism in Mr. Pappas' numbers.
- Q. Does the Brattle Group typically incorporate number in its report where it has no basis to assess whether those numbers are valid or not?
- A. I don't know what you mean by the term "incorporate." But it is not at all unusual in the course of our assignments to work as part of a team of experts and to have our work combined with the work of other experts.

In this case I think I have been extremely clear about how that work has been combined. And the idea of combining the work of several experts in a legal proceeding, I would say, is quite common.

Q. Are you relying on the \$70 million of numbers that Mr. Pappas has brought to you

1 Peter Fox-Penner, Ph.D. 2 in your original report? I am not relying on Mr. Pappas' 3 numbers in the sense of -- that I am not 4 5 sponsoring them. 6 I have taken Mr. Pappas' numbers, 7 which constitute his opinion, and I have made a simple calculation to present value them for 8 9 the -- so that they can be discounted at the 10 same -- in the same framework as the rest of 11 my numbers. But he is sponsoring his numbers, 12 his opinions, and I am sponsoring mine. 13 14 And hopefully this will be the last 15 question about Mr. Pappas' numbers for a 16 while. 17 You don't have any reason to believe 18 Mr. Pappas' numbers are reliable in any way, 19 do you? 20 MR. GARCIA: Objection to the 21 form of the question. 22 I would disagree with that. Α. 23 What's your basis to say that Mr. Q. 24 Pappas' numbers are reliable? 25 Well, my understanding is that Mr. Α.